



US Army Corps  
of Engineers

Tulsa District

## Nationwide Permit Special Conditions

- A. Erosion control measures, such as staked hay bales or silt screen barriers, shall be implemented and maintained during construction. Barriers shall remain in place and effective until sufficient vegetation coverage on exposed areas is established.
- B. Vegetation removal involved with right-of-way (ROW) clearing shall be held to the minimum necessary to facilitate installation. Removed timber should be placed into brush piles near the ROW perimeter and left undisturbed.
- C. Activities on Government property shall not commence until proper real estate instruments are issued.
- D. The permittee shall contact the (Lake Office), (mailing address), (telephone number), and comply with any local requirements prior to commencement of work at this location.
- E. All temporary fills must be removed in their entirety and the affected areas returned to their pre-existing elevations.
- F. Any exposed rebar on the exposed surfaces shall be cut off flush to the concrete surface. Asphaltic mulch shall not be used. This material contains petroleum hydrocarbons, some of which are highly toxic (e.g., naphthalene, benzene), while others are carcinogenic, mutagenic, and/or teratogenic in fish and wildlife.
- G. All construction, both final and temporary, should conform to existing local, State and Federal flood plain management ordinances and should not adversely impact existing flood hazards.
- H. All construction shall be done in a manner that will not increase turbidity or cause downstream deposition of bank materials from the construction sites during or after construction.
- I. Following completion of the activity, the worksite shall be restored in its entirety. The materials used in the temporary access causeway shall be removed from the waterway and disposed of at an upland disposal site. The channel shall be restored to preexisting or natural contours.
- J. Erosion and Sediment Control: Properly installed erosion control measures, such as staked hay bales or silt screen barriers, shall be incorporated and maintained to curtail unnecessary turbidity in receiving waters. Erosion control measures shall be inspected by the permittee after every storm event and repaired as necessary within 24 hours. Accumulations of sediment will be removed from silt fences when it reaches 1/3 the height of the fence. Long slopes may require multiple barriers to effectively control sediment. Barriers shall remain in place and effective until sufficient vegetation coverage on exposed areas is established.
- K. Temporary Construction Crossings: If the construction contractor determines that a work road is necessary for construction access across the stream, the crossing will be constructed of

suitable(?) material , be culverted or otherwise constructed to pass normal flows, .... The intended source for borrow will be identified for review by the Corps.

L. Real Estate Easement: This permit does not eliminate the need for an easement or consent if the structure(s) will be on flowage easement lands or if material will be removed from those lands. Construction on Government property or easements shall not commence until appropriate approval has been obtained from the U.S. Army Corps of Engineers, Tulsa District, Real Estate Division.

### **Installation of Utility Lines**

M. Erosion control measures using best available technology shall be implemented and maintained continuously during construction. Such shall remain in place and be continuously effective until sufficient vegetation coverage on exposed areas is established.

N. The utility line will be buried a minimum of 48 inches below the normal streambed and backfilled with native material removed during trenching. The line may be padded with no more than 12 inches of non-native material immediately on top of the pipe. Excess material shall be removed off site and properly disposed. Waterway crossings shall be made using only steel for the crossing itself and for a distance of 40-feet on each side measured from the ordinary high-water mark of the watercourse.

O. All associated solids, waste, scale, particulate matter, soil, and debris flushed from the line during cleaning, pigging, hydrotesting, or other processes as part of construction or commissioning are to be contained and disposed offsite and shall not enter any watercourse of the United States. Only clean filtered uncontaminated water may be discharged to receiving streams and only in such fashion so as to not alter any physical or hydraulic characteristics of the stream nor increase its sediment load.

### **Abandoned Utility Line Crossing Jurisdictional Waters**

P. Each abandoned-in-place pipeline segment crossing jurisdictional waters shall be excavated at a distance at least 40-feet from the vegetation lines and severed and its ends exposed. That segment of abandoned line crossing such waters shall be cleaned of all hydrocarbons using industry-standard practices and the segment isolated with concrete or steel caps.

### **Bridge Reconstruction**

Q. Erosion control measures implementing best available technology [as defined and agreed to by the Oklahoma Department of Environmental Quality] shall be implemented and maintained continuously during construction. Such shall remain in place and be continuously effective until sufficient vegetative coverage on exposed areas is reestablished.

R. Dredging or fill will be limited to placement of riprap and underlying geotextiles designed and emplaced using best engineering practices.

S. All temporary structure(s) will be entirely removed upon completion of construction.

T. All demolition debris including but not limited to asphalt, metal, wood, and concrete are to be controlled, contained, collected, removed, and properly disposed and shall neither enter nor impinge upon the waterway.